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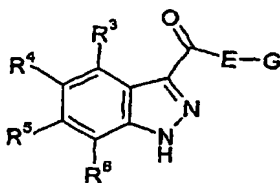
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For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: 3-(CARBONYL) 1H-INDAZOLE COMPOUNDS AS CYCLIN DEPENDENT KINASES (CDK) INHIBITORS



(I)

(57) Abstract: The invention provides a compound of the formula (I): wherein E is O, S, or NH; G is selected from hydrogen; carbocyclic and heterocyclic groups having from 3 to 12 ring members; and acyclic C₁₋₈ hydrocarbyl groups optionally substituted; provided that E-G is not OH or SH and further provided that E-G does not contain the group O-O; two adjacent moieties selected from R³, R⁴, R⁵ and R⁶, together with the carbon atoms to which they are attached, form a fused heterocyclic group having from 5 to 7 ring members and 1, 2 or 3 ring heteroatoms selected from N, O and S; and the other two moieties selected from R³, R⁴, R⁵ and R⁶ are the same or different and are each as defined in the description. The Invention also provides compounds of the formula (I) for use as inhibitors of cyclin dependent kinases and for use in the treatment of disease states and conditions mediated by cyclin dependent kinases.

INTERNATIONAL SEARCH REPORT

PCT/GB 03/03474

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D513/04 A61P25/28 A61P35/00 A61P31/10 A61K31/428
A61K31/416

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

CHEM ABS Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 01 57008 A (BASF AG ;ERICSSON ANNA (US); SCOTT BARBARA (US); ARNOLD LEE D (US)) 9 August 2001 (2001-08-09) page 39, line 14 -page 40, line 22; example 280 ---	1-73
Y	WO 99 24035 A (SQUIBB BRISTOL MYERS CO) 20 May 1999 (1999-05-20) claims 1,9 ---	1-73
A	WO 01 098290 A (PHARMACIA & UPJOHN S.P.A., ITALY) 27 December 2001 (2001-12-27) cited in the application page 27, line 17 -page 31, line 19; claims 1,33,38,39; examples 268-299 --- -/-	1-73

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 96 02537 A (SMITHKLINE BEECHAM PLC ;FORBES IAN THOMSON (GB); JONES GRAHAM ELGI) 1 February 1996 (1996-02-01) cited in the application claim 1 -----	1-73
E	WO 03 070236 A (PHARMACIA ITALIA S.P.A., ITALY) 28 August 2003 (2003-08-28) page 20, line 24 -page 23, line 30; claims 1,8,31,32 -----	1-73

INTERNATIONAL SEARCH REPORT

PCT/GB 03/03474

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 66-70 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

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